

COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney Docket No.

2300-0137

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION

ENTITLED: HUMAN IMMUNODEFICIENCY VIRUS (HIV) NUCLEOTIDE SEQUENCES,

RECOMBINANT POLYPEPTIDES, AND APPLICATIONS THEREOF

the specification of which:

(check ☐ is attached hereto;
one) ☒ was filed on 24 December 1987 as

Application Serial No. 138,894

and was amended on _____;
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMINATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (a) which states: "A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.";

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

The priority of the earliest application(s) (if any) filed within a year prior to this application is hereby claimed under 35 U.S.C. §119;

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

| | |
|-----------------------------------|-------------------------------------|
| William H. Benz-Reg.No. 25,952 | Ronald Craig Fish-Reg.No. 28,843 |
| Thomas E. Ciotti-Reg.No. 21,013 | Gladys H. Monroy-Reg.No. 32,430 |
| Peter J. Dehlinger-Reg.No. 28,006 | Kate H. Murashige-Reg.No. 29,959 |
| Dianne E. Reed-Reg.No. 31,292 | Robert P. Blackburn-Reg.No. 30,447 |
| Grant D. Green-Reg. No. 31,259 | Lisabeth Feix Murphy-Reg.No. 31,547 |

and: _____

Address all correspondence to:

Ciotti & Murashige, Irell & Manella
545 Middlefield Road, Suite 200
Menlo Park, California 94025

Address all telephone calls to: Robert P. Blackburn at 415-327-7250.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|--|--|-----------------------------------|-----------------|
| FULL NAME OF SOLE OR FIRST INVENTOR PAUL A. LUCIW | | SIGNATURE <i>Paul A. Luciw</i> | DATE 2/23/88 |
| RESIDENCE 614 Sycamore Lane, #241, Davis, CA 95616 | | CITIZENSHIP U.S.A. | |
| POST OFFICE ADDRESS CA | | | |
| FULL NAME OF SECOND JOINT INVENTOR, IF ANY DINO DINA | | SIGNATURE | DATE |
| RESIDENCE San Francisco, CA | | CITIZENSHIP Italy | |
| POST OFFICE ADDRESS 1254 Washington Street, San Francisco, CA 94108 | | | |
| FULL NAME OF THIRD JOINT INVENTOR, IF ANY KATHELYN STEIMER | | SIGNATURE | DATE |
| RESIDENCE El Cerrito, CA | | CITIZENSHIP U.S.A. | |
| POST OFFICE ADDRESS 118 Ramona, El Cerrito, CA 94530 | | | |
| FULL NAME OF FOURTH INVENTOR RAY SANCHEZ PESCADOR | | SIGNATURE | DATE |
| RESIDENCE Oakland, CA | | CITIZENSHIP Mexico | |
| POST OFFICE ADDRESS 7729 Crest Avenue, Oakland, CA 94605 | | | |

☒ Please see attached continuation page for additional inventors.

COMBINED DECLARATION AND POWER OF ATTORNEY
CONTINUATION PAGE FOR ADDITIONAL INVENTORS

Attorney Docket No.

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(This page must be attached to a completed Combined Declaration And Power Of Attorney before signing).

| | | | |
|---|--|--------------------|--------|
| FULL NAME OF FOURTH INVENTOR | | SIGNATURE | DATE |
| RESIDENCE | | CITIZENSHIP | |
| POST OFFICE ADDRESS | | | |
| FULL NAME OF FIFTH JOINT INVENTOR, IF ANY | | SIGNATURE | DATE |
| / CARLOS GEORGE-NASCIMENTO | | <i>[Signature]</i> | 3/1/88 |
| RESIDENCE | | CITIZENSHIP | |
| Danville, CA CA | | Chile | |
| POST OFFICE ADDRESS | | | |
| 1907 S. Forest Hill, Danville, CA 94526 | | | |
| FULL NAME OF SIXTH JOINT INVENTOR, IF ANY | | SIGNATURE | DATE |
| DEBORAH PARKES | | | |
| RESIDENCE | | CITIZENSHIP | |
| | | U.S.A. | |
| POST OFFICE ADDRESS | | | |
| FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY | | SIGNATURE | DATE |
| ROB HALLEWELL | | | |
| RESIDENCE | | CITIZENSHIP | |
| San Francisco, CA | | Great Britain | |
| POST OFFICE ADDRESS | | | |
| 27 Priest Street, San Francisco, CA 94109 | | | |
| FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY | | SIGNATURE | DATE |
| PHILIP J: BARR | | | |
| RESIDENCE | | CITIZENSHIP | |
| Oakland, California | | Great Britain | |
| POST OFFICE ADDRESS | | | |
| 67 Bayforrest Drive, Oakland, CA 94611 | | | |
| FULL NAME OF NINTH JOINT INVENTOR, IF ANY | | SIGNATURE | DATE |
| MARTHA TRUETT | | <i>[Signature]</i> | 3/1/88 |
| RESIDENCE | | CITIZENSHIP | |
| Oakland, CA CA | | U.S.A. | |
| POST OFFICE ADDRESS | | | |
| 9082 Broadway Terrace, Oakland, CA 94611 | | | |

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the specification of which:

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one) ☒ was filed on 24 December 1987 as

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and was amended on _____;
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of the application.";

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before my or our invention thereof, or patented or described in any printed publication in any country before
my or our invention thereof or more than one year prior to said application; that said invention was not in public
use or on sale in the United States of America more than one year prior to said application; that said invention
has not been patented or made the subject of an inventor's certificate issued before the date of said application
in any country foreign to the United States of America on any application filed by me or my legal representatives
or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any
foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any
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| Dianne E. Reed-Reg.No. 31,292 | Robert P. Blackburn-Reg.No. 30,447 |
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and: _____

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| | | | |
|---|--|-----------------------------|---------|
| FULL NAME OF SOLE OR FIRST INVENTOR | | SIGNATURE | DATE |
| PAUL A. LUCIW | | | |
| RESIDENCE | | CITIZENSHIP | |
| | | U.S.A. | |
| POST OFFICE ADDRESS | | | |
| | | | |
| FULL NAME OF SECOND JOINT INVENTOR, IF ANY | | SIGNATURE | DATE |
| DINO DINA | | <i>Dino Dina</i> | 3/3/88 |
| RESIDENCE | | CITIZENSHIP | |
| San Francisco, CA CA | | Italy | |
| POST OFFICE ADDRESS | | | |
| 1254 Washington Street, San Francisco, CA 94108 | | | |
| FULL NAME OF THIRD JOINT INVENTOR, IF ANY | | SIGNATURE | DATE |
| KATHELYN STEIMER | | <i>Kathelyn Lee Steimer</i> | 3/10/88 |
| RESIDENCE | | CITIZENSHIP | |
| Benicia, California CA | | U.S.A. | |
| POST OFFICE ADDRESS | | | |
| 649 West "I" Street, Benicia, CA 94510 | | | |
| FULL NAME OF FOURTH INVENTOR | | SIGNATURE | DATE |
| RAY SANCHEZ PESCADOR | | | |
| RESIDENCE | | CITIZENSHIP | |
| Oakland, California | | Mexico | |
| POST OFFICE ADDRESS | | | |
| 5040 Daisy Street, Oakland, CA 94619 | | | |

☒ Please see attached continuation page for additional inventors.

COMBINED DECLARATION AND POWER OF ATTORNEY
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| POST OFFICE ADDRESS | | | |
| FULL NAME OF FIFTH JOINT INVENTOR, IF ANY CARLOS GEORGE-NASCIMENTO | | SIGNATURE | DATE |
| RESIDENCE Danville, CA | | CITIZENSHIP Chile | |
| POST OFFICE ADDRESS 1907 S. Forest Hill, Danville, CA 94526 | | | |
| FULL NAME OF SIXTH JOINT INVENTOR, IF ANY DEBORAH PARKES | | SIGNATURE <i>Deborah Parkes</i> | DATE 2/26/88 |
| RESIDENCE Oakland, CA CA | | CITIZENSHIP U.S.A. | |
| POST OFFICE ADDRESS 302 Euclid Avenue #104, Oakland, CA 94610 | | | |
| FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY ROB HALLEWELL | | SIGNATURE | DATE |
| RESIDENCE San Francisco, CA | | CITIZENSHIP Great Britain | |
| POST OFFICE ADDRESS 27 Priest Street, San Francisco, CA 94109 | | | |
| FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY PHILIP J. BARR | | SIGNATURE | DATE |
| RESIDENCE Orinda, CA | | CITIZENSHIP Great Britain | |
| POST OFFICE ADDRESS 73 Brookwood, #14, Orinda, CA 94563 | | | |
| FULL NAME OF NINTH JOINT INVENTOR, IF ANY MARTHA TRUETT | | SIGNATURE | DATE |
| RESIDENCE Oakland, CA | | CITIZENSHIP U.S.A. | |
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| PAUL A. LUCIW | | | | |
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| | | | U.S.A. | |
| POST OFFICE ADDRESS | | | | |
| | | | | |
| FULL NAME OF SECOND JOINT INVENTOR, IF ANY | | SIGNATURE | | DATE |
| DINO DINA | | | | |
| RESIDENCE | | | CITIZENSHIP | |
| San Francisco, CA | | | Italy | |
| POST OFFICE ADDRESS | | | | |
| 1254 Washington Street, San Francisco, CA 94108 | | | | |
| FULL NAME OF THIRD JOINT INVENTOR, IF ANY | | SIGNATURE | | DATE |
| KATHELYN STEIMER | | | | |
| RESIDENCE | | | CITIZENSHIP | |
| Benicia, California | | | U.S.A. | |
| POST OFFICE ADDRESS | | | | |
| 649 West "I" Street, Benicia, CA 94510 | | | | |
| FULL NAME OF FOURTH INVENTOR | | SIGNATURE | | DATE |
| RAY SANCHEZ PESCADOR | |  | | March 2, 1988 |
| RESIDENCE | | | CITIZENSHIP | |
| Oakland, California CA | | | Mexico | |
| POST OFFICE ADDRESS | | | | |
| 5040 Daisy Street, Oakland, CA 94619 | | | | |

☒ Please see attached continuation page for additional inventors.

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| FULL NAME OF FIFTH JOINT INVENTOR, IF ANY / CARLOS GEORGE-NASCIMENTO | | SIGNATURE | DATE |
| RESIDENCE Danville, CA | | CITIZENSHIP Chile | |
| POST OFFICE ADDRESS 1907 S. Forest Hill, Danville, CA 94526 | | | |
| FULL NAME OF SIXTH JOINT INVENTOR, IF ANY DEBORAH PARKES | | SIGNATURE | DATE |
| RESIDENCE | | CITIZENSHIP U.S.A. | |
| POST OFFICE ADDRESS | | | |
| FULL NAME OF SEVENTH INVENTOR, IF ANY 7-00 ROB HALLEWELL | | SIGNATURE Robert A Halliwell | DATE 3-10-88 |
| RESIDENCE San Francisco, CA CA | | CITIZENSHIP Great Britain | |
| POST OFFICE ADDRESS 27 Priest Street, San Francisco, CA 94109 | | | |
| FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY 8-00 PHILIP J. BARR | | SIGNATURE Philip J. Barr | DATE 3.10.88 |
| RESIDENCE Oakland, California CA | | CITIZENSHIP Great Britain | |
| POST OFFICE ADDRESS 67 Bayforrest Drive, Oakland, CA 94611 | | | |
| FULL NAME OF NINTH JOINT INVENTOR, IF ANY MARTHA TRUETT | | SIGNATURE | DATE |
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